

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040406.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 2:55
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 03:24:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.749	2809572	19.644 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
6) S 2-Fluorobiphenyl (SURR)	7.597	1871850	19.658 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.32%
11) S ortho-Terphenyl (SURR)	10.633	3125426	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.604	3065683	19.819 ug/ml
2) T Naphthalene (C11.7)	5.098	3134463	19.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.138	3182525	19.606 ug/ml
5) T Acenaphthylene (C15.06)	7.401	3002652	19.975 ug/ml
7) T Acenaphthene (C15.5)	7.695	3195131	19.823 ug/ml
8) T Fluorene (C16.55)	8.472	3069944	19.751 ug/ml
9) T Phenanthrene (C19.36)	9.858	3066481	19.932 ug/ml
10) T Anthracene (C19.43)	9.932	2857406	19.558 ug/ml
12) T Fluoranthene (C21.85)	11.660	3105569	20.000 ug/ml
13) T Pyrene (C20.8)	11.954	3010490	19.944 ug/ml
14) T Benzo[a]anthracene (C...	13.821	2691113	20.285 ug/ml
15) T Chrysene (C27.41)	13.862	2887001	19.742 ug/ml
16) T benzo[b]fluoranthene ...	15.364	2727815	19.963 ug/ml
17) T Bnezo[k]fluoranthene ...	15.396	2776174	20.056 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.738	2644798	20.290 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.098	2435137	19.984 ug/ml
20) T Dibenz[a,h]anthracene...	17.141	2415828	19.861 ug/ml
21) T Benzo[g,h,i]perylene ...	17.350	2562864	19.959 ug/ml

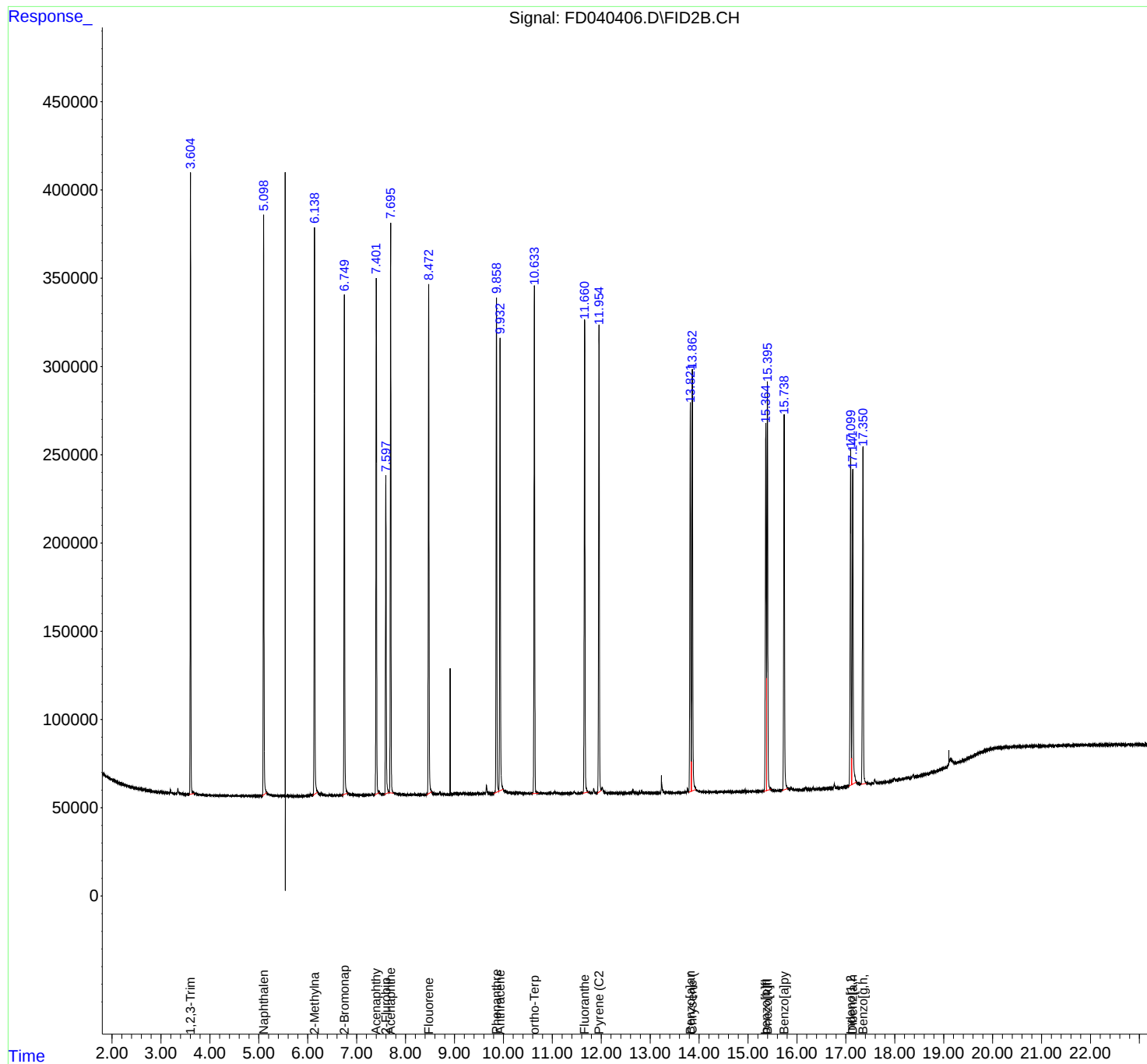
(f)=RT Delta > 1/2 Window

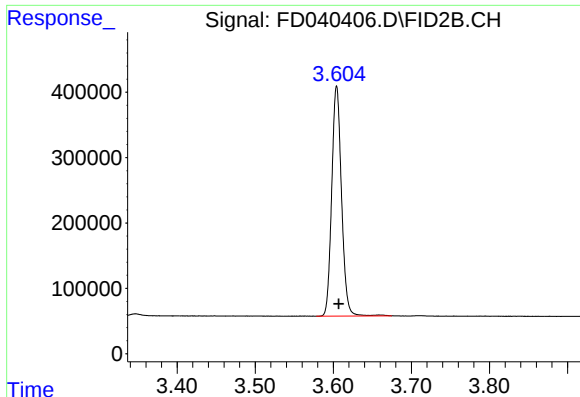
(m)=manual int.

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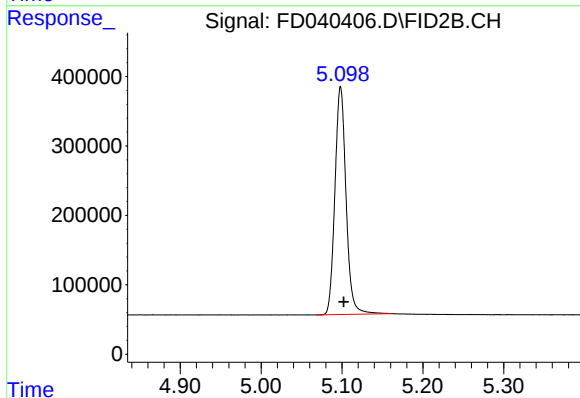
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





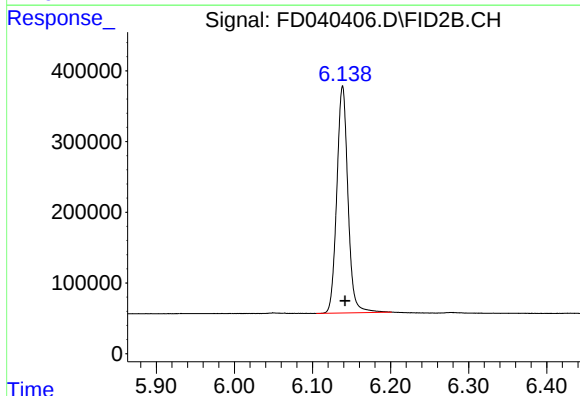
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 3065683
Conc: 19.82 ug/ml



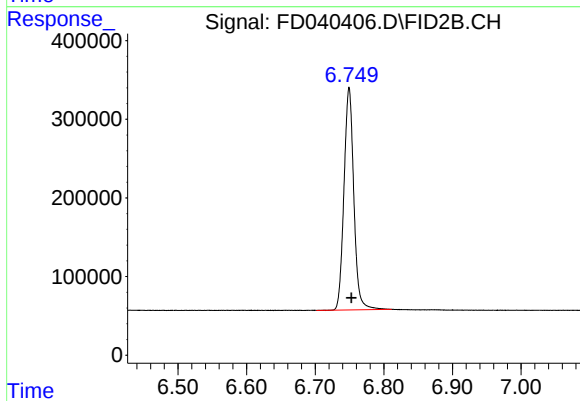
#2 Naphthalene (C11.7)

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 3134463
Conc: 19.58 ug/ml



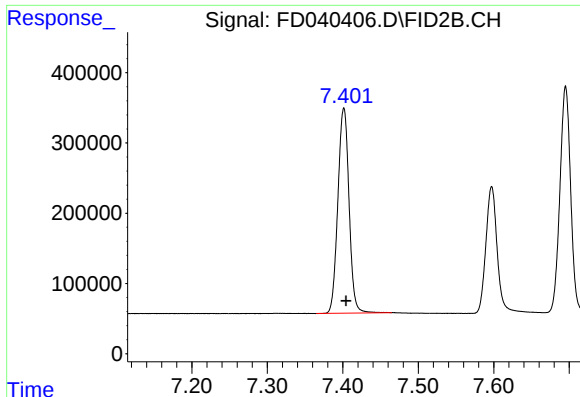
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 3182525
Conc: 19.61 ug/ml



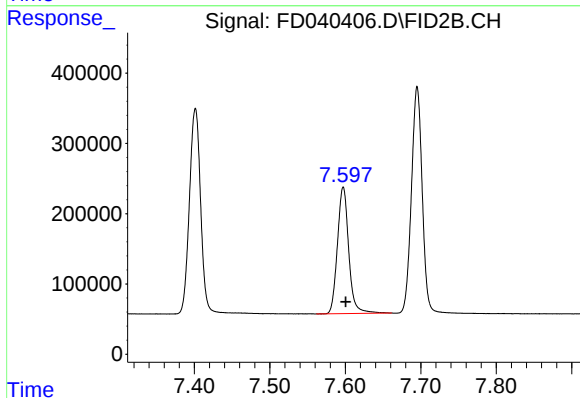
#4 2-Bromonaphthalene (SURR)

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 2809572
Conc: 19.64 ug/ml



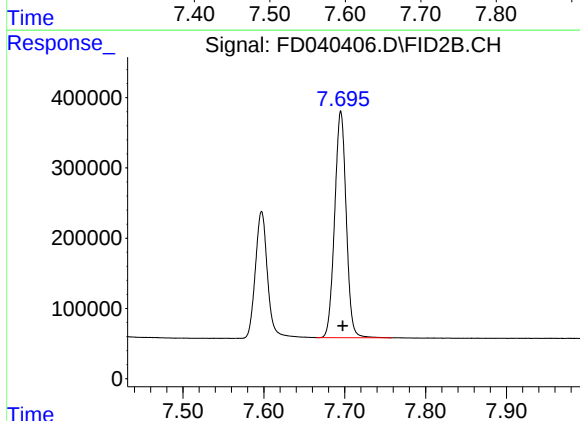
#5 Acenaphthylene (C15.06)

R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 3002652
Conc: 19.97 ug/ml



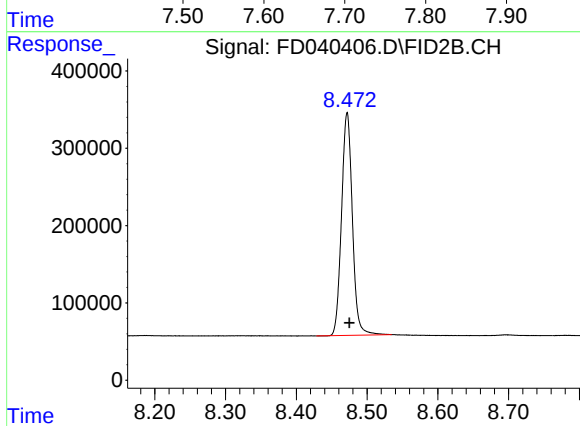
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.597 min
Delta R.T.: -0.003 min
Response: 1871850
Conc: 19.66 ug/ml



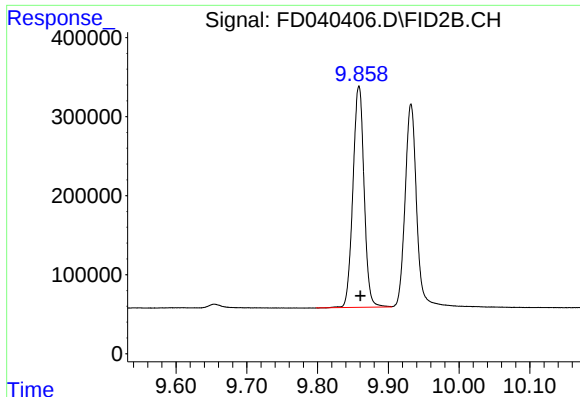
#7 Acenaphthene (C15.5)

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 3195131
Conc: 19.82 ug/ml



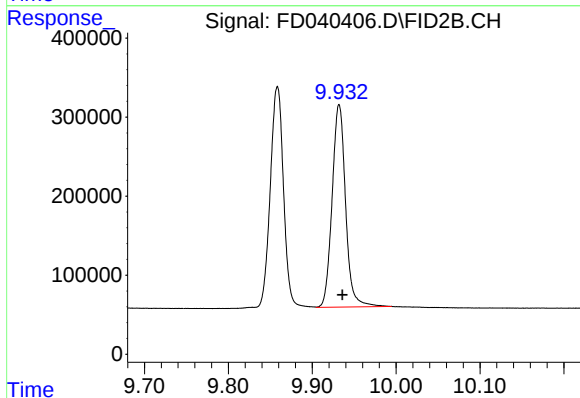
#8 Flouorene (C16.55)

R.T.: 8.472 min
Delta R.T.: -0.003 min
Response: 3069944
Conc: 19.75 ug/ml



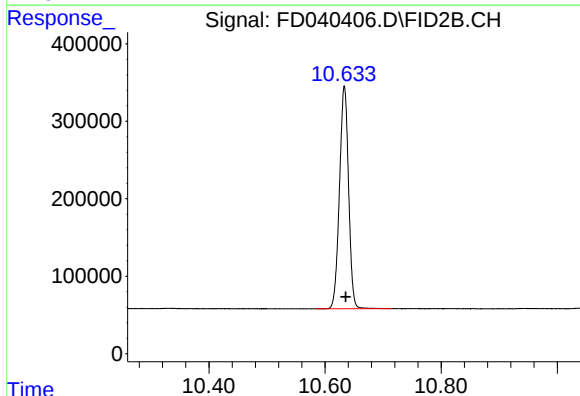
#9 Phenanthrene (C19.36)

R.T.: 9.858 min
Delta R.T.: -0.002 min
Response: 3066481
Conc: 19.93 ug/ml



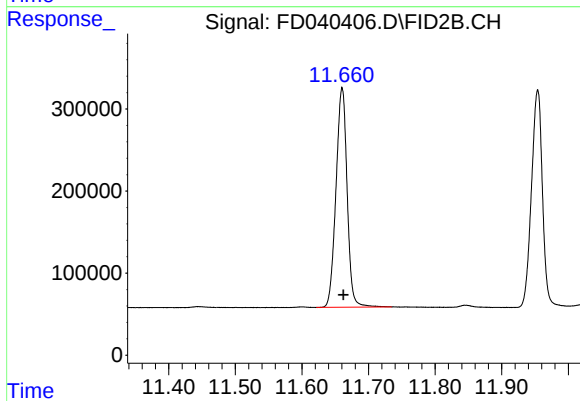
#10 Anthracene (C19.43)

R.T.: 9.932 min
Delta R.T.: -0.004 min
Response: 2857406
Conc: 19.56 ug/ml



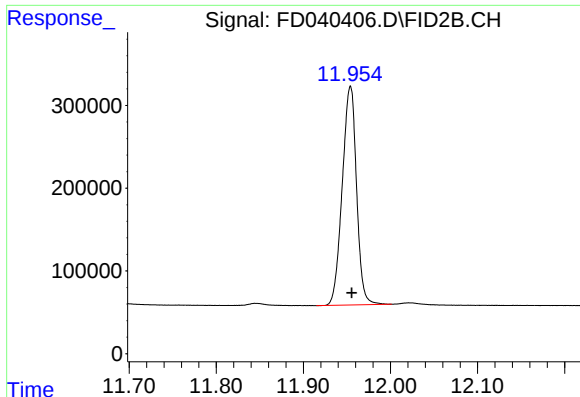
#11 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 3125426
Conc: 20.00 ug/ml



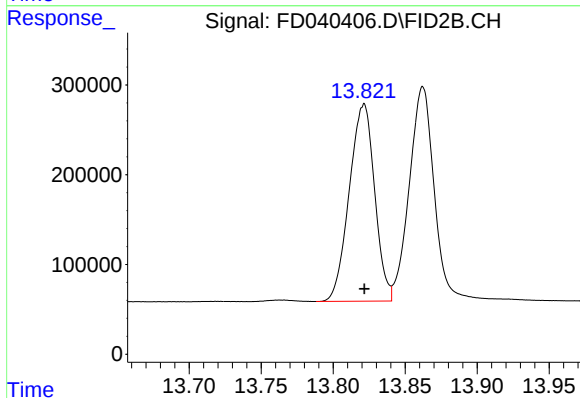
#12 Fluoranthene (C21.85)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 3105569
Conc: 20.00 ug/ml



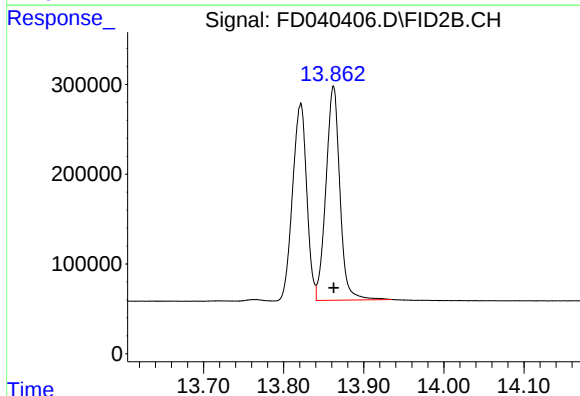
#13 Pyrene (C20.8)

R.T.: 11.954 min
Delta R.T.: -0.002 min
Response: 3010490
Conc: 19.94 ug/ml



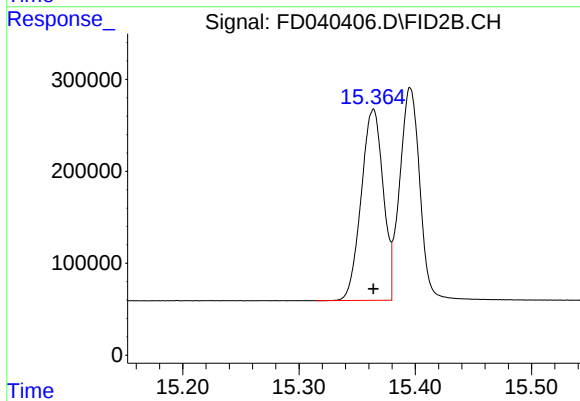
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.821 min
Delta R.T.: 0.000 min
Response: 2691113
Conc: 20.29 ug/ml



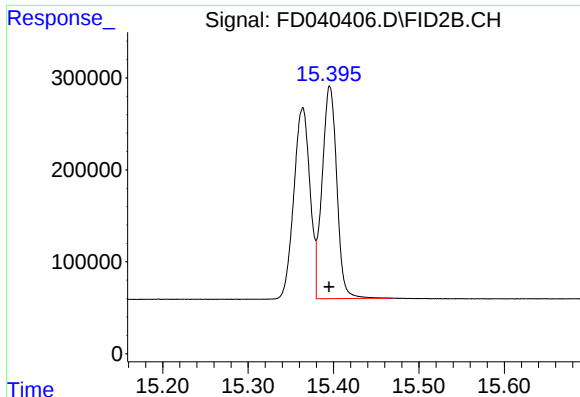
#15 Chrysene (C27.41)

R.T.: 13.862 min
Delta R.T.: 0.000 min
Response: 2887001
Conc: 19.74 ug/ml



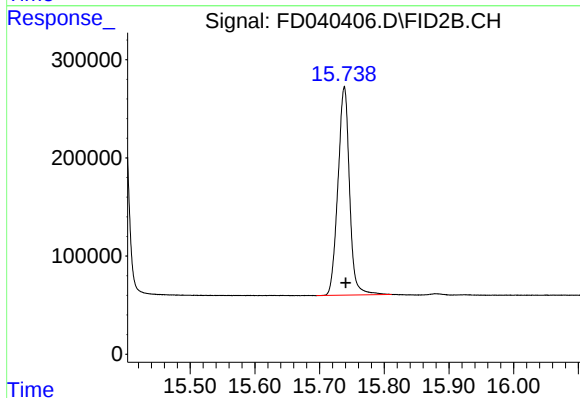
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.364 min
Delta R.T.: 0.000 min
Response: 2727815
Conc: 19.96 ug/ml



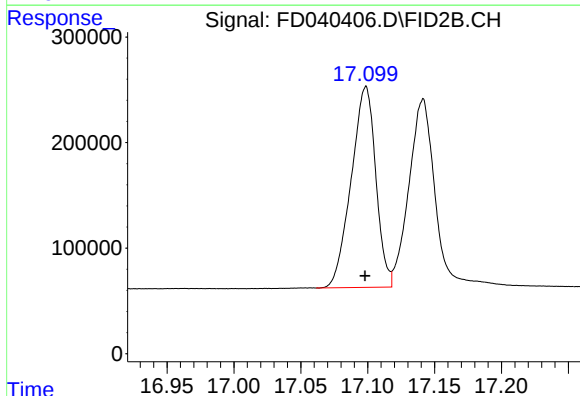
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.396 min
Delta R.T.: 0.001 min
Response: 2776174
Conc: 20.06 ug/ml



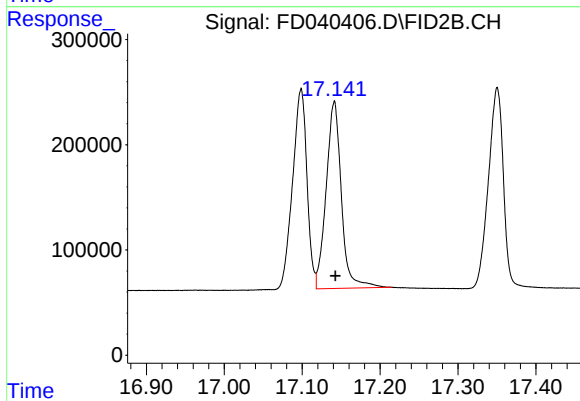
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.738 min
Delta R.T.: -0.002 min
Response: 2644798
Conc: 20.29 ug/ml



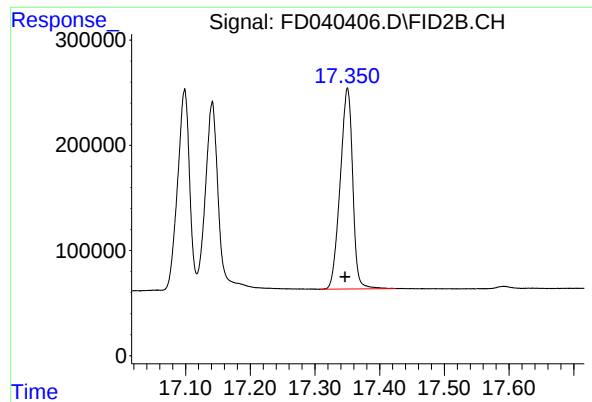
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.098 min
Delta R.T.: 0.000 min
Response: 2435137
Conc: 19.98 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.141 min
Delta R.T.: -0.001 min
Response: 2415828
Conc: 19.86 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.350 min
Delta R.T.: 0.004 min
Response: 2562864
Conc: 19.96 ug/ml